

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019905**Date Inspected:** 25-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu fa wen**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Orthotropic Box Girder (OBG)**Summary of Items Observed:**

On this date Caltrans Office of Structural Material (OSM) Quality Assurance (QA) Inspector, D.Sukanthan was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

OBG # CROSSBEAM CB17

This QA observed that no significant work was being performed on this crossbeam during the time QA was present.

OBG # CROSSBEAM CB18

This QA observed that no significant work was being performed on this crossbeam during the time QA was present.

OBG # CROSSBEAM CB19

This QA observed that no significant work was being performed on this crossbeam during the time QA was present.

OBG # BAY 10

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This QA inspector observed that ABF personnel perform Magnetic particle Testing (MT) on Bike Path identified as BK010A-001. See attached pictures.

OBG # SEGMENT LIFT 13

This QA inspector was instructed by Caltrans (CT) QA lead inspector to review, document of radiographic film submitted contractor submittal AFC- CAL-TRN-007867 and AFC-CAL-TRN-007868 by American Bridge Fluor (ABF) and ZPMC. Film reviewed included Radiographic Testing (RT) performed by ZPMC of welds on the Self Anchored Suspension (SAS) Orthotropic Box Girder (OBG) Lift 13CE Deck Panel splice welds and Segment 12AE to 12BE transverse splice welds have been reviewed and appear to be in general compliance with AWS D1. 5 -2002 and the contract documents.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents



Summary of Conversations:

As mention above

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-00422372, who represents the Office of Structural Materials for your project.

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| Inspected By: | Sukanthan,Dhanasingh |
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| Quality Assurance Inspector |
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| Reviewed By: | Hall,Steven |
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| QA Reviewer |
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